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6	SOLUTIONS TO STRENGTHEN U.S. PUBLIC SAFETY
7	COMMUNICATIONS
8	WEDNESDAY, SEPTEMBER 26, 2018
9	House of Representatives
10	Subcommittee on Communications and
11	Technology
12	Committee on Energy and Commerce
13	Washington, D.C.
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17	The subcommittee met, pursuant to call, at 10:30 a.m., in
18	Room 2322 Rayburn House Office Building, Hon. Leonard Lance [vice
19	chairman of the subcommittee] presiding.
20	Members present: Representatives Lance, Shimkus, Guthrie,
21	Olson, Bilirakis, Johnson, Long, Flores, Brooks, Walters,
22	Costello, Walden (ex officio), Doyle, Welch, Clarke, Ruiz, Engel,
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McNerney,	and	Pallone	(ex	officio) .

Staff present: Jon Adame, Policy Coordinator,
Communications and Technology; Mike Bloomquist, Deputy Staff
Director; Samantha Bopp, Staff Assistant; Robin Colwell, Chief
Counsel, Communications and Technology; Kristine Fargotstein,
Detailee, Communications and Technology; Sean Farrell,
Professional Staff Member, Communications and Technology; Elena
Hernandez, Press Secretary; Tim Kurth, Deputy Chief Counsel,
Communications and Technology; Lauren McCarty, Counsel,
Communications and Technology; Austin Stonebraker, Press
Assistant; Evan Viau, Legislative Clerk, Communications and
Technology; Hamlin Wade, Special Advisor, External Affairs; Jeff
Carroll, Minority Staff Director; Jennifer Epperson, Minority
FCC Detailee; Alex Hoehn-Saric, Minority Chief Counsel,
Communications and Technology; Jerry Leverich, Minority Counsel;
Jourdan Lewis, Minority Staff Assistant; Dan Miller, Minority
Policy Analyst; and C.J. Young, Minority Press Secretary.

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Mr. Lance. [Presiding.] Good morning, ladies and gentlemen. The subcommittee will come to order. I am Leonard Lance, the vice chair of the subcommittee and I have the honor of chairing the subcommittee today. The Subcommittee on Communications and Technology will now come to order. I thank our witnesses for being here. I now recognize myself for 5 minutes for an opening statement.

Since the inception of 9-1-1 as the nationwide emergency telephone number in 1968, 9-1-1 call centers around the country have saved countless lives by giving the public a quick and easy way to request assistance in times of emergency. Technological advances over the years such as geolocation have opened up opportunities to improve upon the system, allowing law enforcement officers to receive the approximate location of where a call has originated.

In order to keep up with the times, many states have established a fee or tax to upgrade and maintain their 9-1-1 systems. These funds are especially crucial as we look to Next Gen 9-1-1 to update significantly the capabilities of our emergency communications. Innovations such as text-to-9-1-1 and the ability for citizens to send law enforcement officials real-time video during an emergency have the potential to

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revolutionize our emergency communications and save even more lives.

Under the New and Emerging Technologies 911 Improvement Act of 2008, the Federal Communications Commission is required to submit a report to Congress on state collection and distribution of 9-1-1 and enhanced 9-1-1 fees and charges. These reports have shed light on a handful of states that have been raiding these 9-1-1 fees and diverting the funds for unrelated purposes.

This unacceptable practice leaves counties and localities on the hook for maintaining and upgrading their systems, and this of course endangers public safety. Since 2004, New Jersey, where I live, has collected a 90 cent tax on consumers' monthly telephone and cell phone bills for 9-1-1 improvements. However, New Jersey has become the worst 9-1-1 fee diverter in the country, diverting over one billion dollars to non-9-1-1 related purposes.

Quite simply, this is unacceptable. Our constituents need to know that in an emergency their 9-1-1 call is going to go through. Lawmakers in state capitals including Trenton and in several other state capitals around the country have raided the funds set aside to improve the 9-1-1 system and left the account penniless, leaving public safety threatened and local taxpayers on the hook as I have said.

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I opposed the original legislation in New Jersey because it opened the door to the diversion as we are seeing today and this has been regardless of which party has controlled the governorship in the state I represent. Now, New Jersey lawmakers are considering an increase on the tax to fund Next Gen 9-1-1. Instead of further taxing New Jerseyans, Trenton should first stop diverting any existing fees from their intended use.

I am pleased to welcome Jim Curry to our panel today. Mr. Curry is the Division of Communications Director for Hunterdon County's Department of Public Safety and Health Services.

Hunterdon County is one of 21 counties in New Jersey and I personally live in Hunterdon County.

Last month, Mr. Curry and the rest of the staff at the 9-1-1 Communications Center were kind enough to give me a tour of the facility and we were joined by Commissioner Mike O'Rielly of the Federal Communications Commission. Commissioner O'Rielly has been a leader in the effort to stop the states from diverting and certainly I think we give him great credit in that regard. The work that is being done is truly remarkable and I was extremely impressed with the operation as it was ongoing.

Despite receiving little to no funds from the state 9-1-1 fee fund, Hunterdon County has managed to maintain a

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state-of-the-art system. However, because the state has been diverting the fees in such a dramatic amount, counties in New Jersey are left to their own devices. These funds generally come from residents in property taxes which are already among the highest in the nation.

That is why I have joined Congressman Collins and Congresswoman Eshoo in introducing the 9-1-1 Fee Integrity Act which would direct the FCC to establish legitimate uses for 9-1-1 fees to be directed. And obviously this is bipartisan in nature, Congresswoman Eshoo is a very distinguished senior member of the committee on the democratic side.

I commend Commissioner O'Rielly and Commissioner Rosenworcel for working hard at the FCC, again in a bipartisan capacity, to bring to light the actions of these few bad actor states. However, the Commission's ability to combat diversion is limited. This bipartisan, common sense legislation will enable the FCC to ensure that bad actors such as New Jersey are no longer able to divert funds.

I commend the members of the subcommittee for their fine work in drafting these important pieces of legislation and I thank our distinguished panel for appearing before us today. I look forward to the testimony and I now recognize the ranking member,

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128 Mr. Doyle.

I now recognize the ranking member, Mr. Doyle.

Mr. Doyle. Thank you, Mr. Chairman. Thank you for holding this hearing today and thank you to the witnesses for your testimony today.

Public safety communications and the integrity of our 9-1-1 system is of paramount importance to our nation. Ensuring that lifesaving aid gets to those in need, in time, often comes down to a fast, well-coordinated response by local first responders, something our witnesses deal with every day. This process often starts when a person in need picks up their phone to call for help.

This subcommittee is examining three pieces of legislation today. Mr. Lance and Ms. Eshoo have introduced legislation regarding 9-1-1 fee diversion. This is a practice where a small number of states divert fees intended to fund and upgrade 9-1-1 call centers to other non-related public safety programs. This bill seeks to further direct and clarify the FCC's efforts to investigate and report on this practice.

The second piece of legislation was introduced by Mr. Engel and Mr. Kinzinger regarding swatting, a malicious and deadly practice where individuals use weaknesses in the phone network

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to conceal their identity and report a false event that warrants a large-scale police response. Such incidents require full-scale responses that take time and money away from departments tasked with protecting the public.

Like many here, I have read too many stories of how these incidents can go bad as well with SWAT teams being prepared to deal with extremely dangerous situations only to come across confused and frightened individuals who have been targeted by these swatting attacks. Too many times, innocent people have lost their lives because of these malicious, deceptive calls. Our colleague Congresswoman Clarke has, herself, been a victim of swatting.

I am happy to once again support my colleague Mr. Engel's bill to rein in this dangerous practice. This bill was voice voted out of committee in the last Congress and I hope that we can do so again. I hope as the committee examines this issue that we continue our due diligence. Increasing the penalties for this offense is important, but we need to strengthen our telecommunications systems to ensure that the people calling 9-1-1 and, to be honest, calling of us are who they say they are.

Every day I get calls from fake numbers claiming to come from my neighborhood. We cannot ultimately curb swatting until

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our phone systems can do a better job of identifying and blocking fake numbers. I would urge the majority and the chairman to keep this in mind if they hope to address this underlying issue.

Finally, we are looking at a bill introduced by Mrs. Brooks and Ms. Eshoo regarding the establishment of a national non-emergency short dialing code. In Pittsburgh, like many cities, 3-1-1 is that number. Residents in Pittsburgh can use it to report a downed tree, a building code violation, or in my city all too often a pothole on a city street.

This service gives residents a valuable line to the city and municipal agencies where they can report important but non-emergency incidents. Properly implemented, this service can reduce the burden on 9-1-1 operators and call centers allowing them to focus more fully on responding to real emergency situations. I hope we can advance this legislation as well.

And while I think these bills should be able to move in our committee, I am very concerned that this hearing is titled Solutions to Strengthen U.S. Public Safety Communications. None of these bills nor the committee's other efforts have gone far enough to address many of the underlying challenges facing this sector, in my opinion. As the witnesses pointed out, public safety agencies need a strong federal partner to ensure that they

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have the technology and solutions deployed to meet the needs of our country.

I would like to submit for the record an article from the New York Times Magazine that was published last month regarding one family's horrific experience in Houston during Hurricane Harvey. The family couldn't get a medevac via 9-1-1 so they resorted to calling their congressman, Gene Green, a member of this committee, where an intern answered the phone and helped to direct a helicopter rescue.

The 9-1-1 system was clearly overwhelmed and was not nearly robust or resilient enough to tackle the volume of calls or the multiple storm related equipment and facility failures that occurred. And none of this is in any way intended to diminish the brave and courageous efforts of so many volunteers who came to their neighbors' aid in this disaster and so many others. But for the richest, most powerful nation on earth we can and should do better, Mr. Chairman. With that I yield back.

Mr. Lance. Thank you very much, Mr. Doyle. The chair now recognizes the chairman of the full committee, Mr. Walden of Oregon, for 5 minutes for an opening statement.

The Chairman. Thank you very much, Mr. Chairman. I want to welcome our witnesses. Thanks both for your help this morning

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in giving us your guidance and counsel and the service you provide in your states and communities.

We have a legislative hearing where we will be discussing three important bipartisan public safety bills. 2 weeks ago we remembered the sacrifices and the heroism of the September 11th attacks. Ceremonies across our nation reminded us not just of those Americans we lost, but also of the hard work our public safety community does day in and day out to keep us safe. This is evident again as our first responders managed the consequences of various hurricanes including, especially, Hurricane Florence.

Whether at home or at school, our children learn at an early age that when an emergency strikes you dial 9-1-1. But like the technology systems, our 9-1-1 systems must be preserved and improved to deliver potentially lifesaving services reliably and seamlessly when called upon. This committee worked in a bipartisan manner in Congress to enact improved rural call completion so the call actually will go through. Also, we passed Kari's Law. That ensures that when we dial 9-1-1, no matter where we are including a hotel room, the call will go through without the need to dial another number.

With rules finally approved for NTIA and NHTSA to move forward on distributing funds for Next Gen 9-1-1, I am pleased these

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dollars will be finding their way to localities. Whether it is these dollars or the much larger share of fees collected on your phone bill, we have a duty to ensure that the 6,000 public safety answering points or PSAPs nationwide that manage our 9-1-1 systems are actually receiving these vital funds.

Unfortunately, we have found that some states have diverted their 9-1-1 funds that were assessed for this specific purpose. We have seen states divert funding directly into their general funds while others use the money for another public safety related purpose that may have nothing to do with the 9-1-1 system. The result is the same, PSAPs aren't getting the money they are promised.

And I would just say as an aside, I would guess that it would be a fraud for most people other than the government that if you collected a fee for an intended purpose and you put it in writing and sent it through the mail and then you diverted the funds for some other purpose, my guess is if you weren't the government you would be facing a prosecutor.

So today we will discuss H.R. 6424, the 9-1-1 Fee Integrity Act, which would clarify for states and municipalities that funds raised for 9-1-1, paid for by users of 9-1-1 and phones, are only spent on 9-1-1.

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We will also discuss H.R. 5700, Mrs. Brooks' National Non-emergency Mobile Number Act. While the FCC designated 9-1-1 as the nation's emergency number more than 50 years ago, the 9-1-1 system is sometimes used unnecessarily in non-emergencies. So in order to preserve 9-1-1 services for true emergencies and to ensure limited public safety resources are not used unnecessarily, some states have adopted an easy-to-remember, short code that the public can dial to reach public safety officials in non-emergency situations.

However, there is no unified short code, so a traveler traveling from Colorado to Oregon might be able to dial star-2-7-7 in Colorado, pound-4-3-5-7 in Wyoming, star-4-7-7 throughout Idaho, and finally there is no short code in Oregon. So that is a lot to keep track of. Mrs. Brooks' bill would make things a whole bunch easier. We appreciate her diligent work on this issue directing the FCC to set up a unified short code that states could choose and then adopt. Finally, we will be discussing H.R. 6300 that is Mr. Engel's Anti-swatting Act. This should be a familiar bill given that we approved by voice vote this bill last Congress. Swatting is the act of using misleading or inaccurate caller ID information with an intent to trigger a law enforcement response where no real emergency exists.

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Swatting is dangerous, it is a drain on precious resources, and it is illegal. Unfortunately, swatting incidents remain a problem and continue to put law enforcement or innocent bystanders in harm's way. Mr. Engel's bill would stiffen criminal penalties against those who are convicted of swatting and bolster our public safety officials' ability to serve and to protect.

So, collectively, the bipartisan bills to be discussed today will help improve, they will help strengthen the 9-1-1 system, and enhance public safety across the country.

So I want to thank our witnesses for being here today. And I would also say that it was this committee several years ago that passed the legislation that set up the spectrum auction that has funded and helped get in place FirstNet and we intend to continue to do our due diligence to oversee the implementation of FirstNet to make sure that it actually delivers on the promise that our first responders will have an interoperable public safety network that works for them.

And so we have done a lot out of the committee mostly in a bipartisan way. We appreciate your being here today. We have three more important bills to look at. And with that, Mr. Chairman, I yield back the balance of my time. Mr. Lance. Thank you, Mr. Chairman. The chair now recognizes the ranking

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member of the full committee, Mr. Pallone of New Jersey, for 5 minutes.

Mr. Pallone. Thank you, Mr. Chairman.

Today we are here to talk about ways to support public safety and our nation's first responders. America asks so much of our emergency workers and the least we can do is make sure they have the best and most up-to-date tools to do their jobs. I would like to thank our panel for the work they do every day helping Americans in times of crisis and distress. It seems almost every week we are reminded of the critical role first responders play in keeping people safe. Last week we watched as first responders along the Carolina coast rescued people trapped in their homes as rising waters made it nearly impossible to escape. Emergency communications is critical in such times. If 9-1-1 calls are not completed emergency responders will not arrive.

And that is why it so important that Congress enacted my SANDy Act earlier this year to help ensure our critical communications networks have access to the resources they need to stay on line during a disaster. Beyond calls from the public to 9-1-1 dispatchers, if police or firefighters can't communicate with each other during a crisis their lives and the lives of the public are put at risk.

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This committee on a bipartisan basis passed legislation to create a nationwide broadband communications network dedicated to public safety. What resulted is FirstNet. While early in its rollout the network promises to make first responders across the country safer and help them with their work, FirstNet is an important step but more must be done to help public safety.

Today's hearing considers some important issues. I have long criticized states including my own in New Jersey of diverting 9-1-1 fees. As Mr. Curry will explain, it is expensive to operate a 9-1-1 center and it is important that they are fully funded. States should also be upgrading centers to be Next Generation 9-1-1 capable. Next Generation 9-1-1 will enable the public to transmit images, video, and texts to 9-1-1 centers where operators will be able to process and pass this information to first responders. And this is extremely valuable information, but the costs will be significant.

Last year, every Democrat on the committee co-sponsored the LIFT America Act which makes key investments in our nation's infrastructure including helping to fund the deployment of Next Generation 911. In addition, Representatives Eshoo, Torres, and I introduced the Next Generation 9-1-1 Act of 2017 which expands the federal NG9-1-1 grant program. These are common sense

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proposals that we should be able to work on together.

In the coming year, I urge my colleagues to work with me on legislation to upgrade our nation's infrastructure including our public safety systems. I would also like to recognize the important efforts of Mr. Engel to fight swatting, fake emergency calls to dispatch police to an address where no emergency is occurring. This is really dangerous. It puts innocent lives at risk and burdens already stretched police resources. So Congress must provide law enforcement the tools to stop such malicious acts.

And I would like now to yield the remaining 2 minutes to, oh, I guess he is not here yet, Mr. Engel. I think he is at his Foreign Affairs Committee. So I would at this point yield the balance of my time. Mr. Lance. Thank you very much, Ranking Member. Are there any other members of the committee who would like to have an opening statement?

Seeing none, this concludes member opening statements. The chair reminds members that pursuant to the committee rules, all members' opening statements will be made part of the record.

We want to thank our witnesses for being here today and we appreciate your taking the time to testify before the subcommittee. Today's witnesses will have the opportunity to

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give opening statements followed by a round of questions from members.

Our panel for today's hearings will include Mr. Eddie Reyes,
Director of Public Safety Communications for Prince William
County; Mr. Jim Curry, the Division Head of the Communications
Division of the Hunterdon County Department of Public Safety;
and Captain Paul Starks, the director of the Public Information
Office at the Montgomery County Police Department. We appreciate
the fact, gentlemen, that you are here today before the committee.
We know you have important responsibilities in your jurisdictions
and we are honored that you are in Washington.

We will begin with Mr. Reyes. You are recognized, sir, for 5 minutes for the purposes of an opening statement. Good morning to you.

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STATEMENTS OF EDDIE REYES, DIRECTOR, PUBLIC SAFETY

COMMUNICATIONS, PRINCE WILLIAM COUNTY GOVERNMENT; JAMES CURRY,

COMMUNICATIONS DIVISION HEAD, HUNTERDON COUNTY, NEW JERSEY

DEPARTMENT OF PUBLIC SAFETY; AND, PAUL STARKS, DIRECTOR, PUBLIC

INFORMATION OFFICE, MONTGOMERY COUNTY, MARYLAND POLICE DEPARTMENT

STATEMENT OF EDDIE REYES

Mr. Reyes. Thank you, Mr. Lance. Chairman Blackburn, Ranking Member Doyle, Mr. Lance, thank you for giving me this opportunity to testify before you today. It is an honor and a privilege to be selected to represent the 9-1-1 community at this hearing and be a part of this bipartisan process.

I am the director of Office of Public Safety Communications in Prince William County, Virginia, one of the nation's approximately 5,800 public safety answering points which has been recognized as PSAPs. They are also known as emergency communication centers or 9-1-1 centers. ECCs, like the one I lead, answer more than 240 million calls every year in the United States. That is roughly about 657,000 calls per day.

Prior to becoming the ECC director in Prince William County

I was a police officer in Alexandria, Virginia for 25 years.

I retired as a senior deputy chief and second in command at the

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police department. I worked in almost every unit of the police department and I was ECC director in 2001 during the September 11th attack at the Pentagon and during the 3 weeks in 2002 when the Beltway Sniper gripped the entire National Capital Region with fear. I am also the chairman of the International Association of Chiefs of Police Communications & Technology Committee.

A few statistics about Prince William County's emergency communications center: In addition to serving almost half a million residents in the county, we provide a wireless 9-1-1 service and dispatch for police, fire and rescue personnel to five small municipalities within our county. We are also part of the National Capital Region which has a population of over six million residents.

Public safety organizations in the NCR coordinate extensively to make sure area residents receive high quality emergency response across the region. Mutual aid is an hourly thing for us. My center has just over a hundred employees that receive and process approximately 409,000 calls per year in which 154- of those were emergencies 254,000 were non-emergencies. Of the 409,000 calls for service that we received, about 251,000 were for police and 44,000 were for fire and rescue. The largest

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difference between the number of calls received and those dispatched are that they all come from a smart phone.

I will transition over to the bill that I am most passionate about and that is H.R. 6003. I have spoken to 9-1-1 center directors or staff, law enforcement officers, and major associations such as APCO and NENA and all of them support this bill. Even before the FBI coined the term "9-1-1 swatting," across the country we have been fighting this complex, ever-evolving threat to public safety. It would just be repetitive for me to mention a lot of the things that have already been said about swatting other than ditto and we agree. So this is very, very important to us.

Next, I will transition over to House Bill 6424 and that, well, almost everyone in the 9-1-1 industry is in favor of this bill provided it eliminates a big loophole -- lack of audit, accountability, and enforcement mechanism to the offending states. As it has already been reported, there are offending states like New Jersey, West Virginia, and others that are known to public safety and 9-1-1 centers for diverting funds. And I can tell you that as a proud resident of the Commonwealth of Virginia, we know how important it is not to divert funds, so I very much support that bill as well. Regarding 5700,

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H.R. 5700, this bill caused the greatest quantity in discussion and disagreement among all that I spoke with. While some were supportive, the addition of public safety, non-emergency short code for mobile users can bring unintended consequences to emergency communication centers, significantly increasing call volume without considering additional staffing. So statistics demonstrate that 9-1-1 has been a problem caused by too many non-emergency calls.

So in closing I would like to take a brief moment to thank you, to thank Representative Shimkus and Eshoo for joining with their co-chairs of the Next Gen 9-1-1 caucus to send a bipartisan letter to the Office of Management and Budget to revise the standard occupational classification to accurately represent the lifesaving nature of the work performed by 9-1-1 professionals. 9-1-1 professionals work behind the scenes to protect the lives of first responders.

I am very grateful for the attention this committee has given to these very important bills to public safety in general, but most importantly to emergency telecommunicators. Thank you very much.

[The prepared statement of Mr. Reyes follows:]

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473 Mr. Lance. Thank you very much for your distinguished testimony.

Mr. Curry, you are recognized for 5 minutes.

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STATEMENT OF JAMES CURRY

Mr. Curry. Good morning.

479 Mr. Lance. Good morning.

Mr. Curry. Vice Chairman Lance, members of the committee thank you for giving me the opportunity to speak with you today. It is an honor and privilege to take part in this hearing and be a part of this great nation's legislative process.

I am the division head for the Hunterdon County communications center in New Jersey, the first county 9-1-1 system to operate in that state. Prior to my current position, I was a police officer for 27 years and retired at the rank of captain. I have spent my entire professional career in public emergency service without regret.

Like many counties in New Jersey, Hunterdon County is a mix of suburban and rural communities with many bucolic hamlets and villages. It is dotted with preserved farmland, numerous acres of park land, and two recreational reservoirs. Interstate 78, a major highway and artery for Newark and Elizabeth, divides the county in half north and south.

The communications center is the sole provider of emergency communications for each municipal police department, fire

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department, and EMS agency in the county. All totaled we dispatch for about 60 organizations. Daily we average a little over 100 9-1-1 calls or about 38,000 a year. This is carried out by 25 dedicated, full-time public safety telecommunicators, commonly referred to as dispatchers.

These men and women are never seen, always heard, and seldom recognized. They work nights, weekends, and holidays, and like our first responders they can't stay home because the weather is bad. Day in and day out they speak to folks who are having the worst day of their lives. For some of those callers, the dispatcher is the last human voice they will hear. If you ask the dispatchers why they keep doing the job, most will answer because they enjoy it. They enjoy making a difference.

I live and work in the state of New Jersey. It is a fantastic state. Beaches, mountains, entertainment venues, New York City, and Philadelphia all within a short drive from most anywhere in the state. Its marine ports, colleges and universities, all within a short drive from anywhere in the state, and businesses, also make it a great place to live and work. New Jersey is a major hub of global economy. Unfortunately, but deservedly, it is also known as a heavily-taxed state. We in New Jersey have come to enjoy top-shelf services, especially the

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emergency service we receive. After all, you get what you pay for. Well, maybe not always. I was requested to appear today before this committee to discuss H.R. 6424, the 9-1-1 Fee Integrity Act, because in my state when you pay certain fees on your phone bills, called 9-1-1 fees, it doesn't finance what one might expect.

According to the New Jersey Association of Counties and the New Jersey Wireless Association, the state collects approximately \$120 million annually in consumer surcharges as 9-1-1 system and emergency response fees and deposits into a trust fund. However, according to the FCC, since 2006, only 11 percent of the 1.3 billion collected has been spent on eligible expenses. None of the money has been used to fund those eligible expenses at the 9-1-1 level, local 9-1-1 level. To provide an example, last year we completed an upgrade to our 9-1-1 phone system. The old system was no longer supported. voluntary. At a cost of \$600,000 the project was paid for using capital improvement funds, in other words taxpayer money. Those taxpavers may have thought they subsidized it when they paid their phone bills, but actually they paid for it twice.

Operating a 9-1-1 center is expensive. In 2016, our overall budget exceeded two and a quarter million dollars. This year our operating budget alone was \$310,000. The cost to maintain

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our 9-1-1 system will devour well over one-third of that. The remainder will be spent on radio equipment and tower and generator maintenance, site security, and a host of other essential expenses.

We look forward to the day when Next Generation 9-1-1 is realized in New Jersey. It will enable the public to transmit text images, video, and data to our center. Our frequent saying by one of our technicians, Matt Tamburro, is this isn't like what you see on television, and it isn't. The reality is dispatchers try to find a caller's location by manual entries and interrogation.

We don't know what the associated costs will be for us for Next Generation 9-1-1 and I dodge the constant barrage of vendors, daily, willing to sell us their products that will get us through until the arrival of Next Generation 9-1-1. Those wares come with a hefty price tag. Even in just a small 9-1-1 center like ours, the cost can exceed \$35,000 annually. I could ramble on about the 9-1-1 funding needs of the Hunterdon County communications center, but I would prefer to conclude with the importance of 9-1-1. When a caller requests the police they understand that officer may be on another call. When that caller dialed 9-1-1 they expect it to be answered immediately and by

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a well-trained professional. The police may work shorthanded for a shift, but the 9-1-1 seat must be occupied.

This month we remember the tragic events of 9/11 and just a few miles to our south the effects of a major hurricane continues to wreak havoc on tens of thousands of people's lives. When citizens are faced with a situation beyond their own capabilities they will dial 9-1-1. Those three digits are the same for everyone and it does not discriminate. Perhaps we can do without electricity for a short while, but we must have a robust 9-1-1 lifeline infrastructure. Likewise, the dispatchers need the tools to accomplish their mission of helping others and saving lives.

I want to end my statement by publicly thanking the Hunterdon County dispatchers, technicians, and administrative staff. You do make a difference every day. Moreover, I wish to thank this committee for your time and devotion to public service not only concerning this issue but for all matters that have and will be decided on in the future. Thank you.

[The prepared statement of Mr. Curry follows:]

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Mr. Lance. Thank you very much, Mr. Curry.

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The chair now recognizes Captain Starks for 5 minutes,

Captain Starks. Welcome to the subcommittee.

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STATEMENT OF PAUL STARKS

Mr. Starks. Thank you and good morning to distinguished members of this committee. My name is Paul Starks. I am director of the Public Information Office with the Montgomery County Police Department where I have been a cop for 34 years. Our jurisdiction is in Maryland just across the line and adjacent to the District of Columbia.

We live in a time where so many forms of technology have been developed and can be accessed by most people and we live in a country with a free and open society where a variety of communication paths are available to virtually everyone. Some of these methods to call in a phone call or post or send messages are assigned to and can be traced back to an individual, but some of the steps that are used in some of these methods are not as easily walked back and therefore it is not as easy to determine the history of access or use. Some of that lends itself to false reporting of in-progress, violent crimes that can potentially cause a major response by law enforcement, fire and rescue, and other emergency services providers. That type of false call has been termed "swatting." When an individual creates a swatting incident detailing false information that involves

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an act of violence, sometimes involving a large population group like that of a school, it causes large numbers of personnel to put forth efforts that are not only costly but also strip an organization and a community of public safety resources.

When a message is first received, call takers, dispatchers, and their supervisors become involved in gathering details regarding that call. This event also may take a 9-1-1 line out of service while these details are confirmed. Next to be involved are the cops and fire and rescue employees who are taken from their primary responsibilities and direct their attention to the current call. This involves a potentially dangerous, higher speed, lights and siren responses and removes public safety personnel from their legitimate duties.

Should there be an actual need in that same geographical area, help must come from further away making someone experiencing a medical emergency or a crime victim wait unnecessarily for potentially lifesaving resources. Furthermore, depending on the details of the swatting call, tactical team members, negotiators, and specialty fire and rescue personnel and their equipment are often dispatched to these scenes.

When first responders arrive, an attempt to contact potential victims and suspects at what it is believed to be an active and

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volatile scene it becomes potentially dangerous for all parties. At one such encounter in Kansas this led to an innocent father of two being fatally shot by responding law enforcement officers who legitimately believed he was a threat at that scene.

Investigation of that event led to a California man being charged with being responsible for the swatting event where the call was initiated.

In the recent past in my jurisdiction, Montgomery County has received multiple swatting calls. One event involved a message claiming that bombs had been planted in a Silver Spring high school which led to an emergency response by public safety and evacuation of approximately 2,000 students and staff. This call was ultimately determined to have come from out of state.

Fortunately there were no reported injuries, but resources were deployed, teaching and learning came to a halt that day, and due to the weather students and staff had to be housed at other nearby schools and places of worship causing other disruption. This doesn't begin to address the cost of long-term investigative efforts and also the potential emotional toll taken on students and staff who are affected by these types of calls.

In conclusion, I believe this bill is necessary to augment state and local efforts with federal resources to investigate

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swatting events, and in the end individuals who initiate these
calls will be more easily held responsible by employing
appropriate fines, incarceration, and specific cost recovery from
suspects for expenses incurred during the response and
investigation. I thank you for your attention.
[The prepared statement of Mr. Starks follows:]

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the Committee's website as soon as it is available.
Mr. Lance. Thank you very much, Captain Starks. And to
the entire panel, thank you for your public service.
I will begin the questioning and recognize myself for 5
minutes. I had the opportunity to tour the 9-1-1 call center
operated by Mr. Curry in Hunterdon County, New Jersey. It is
the county where I live. It is a relatively small county, 130,00
residents. We only have 21 counties in New Jersey with nine
million people, so it is one of our smaller counties.
Mr. Curry, how much funding have you received from the stat
9-1-1 system over the past 10 years?
Mr. Curry. From the state, zero.
Mr. Lance. Where does the majority or perhaps the entiret
of your funding come from?
Mr. Curry. Taxpayer money.
Mr. Lance. Taxpayer money, but not from state coffers.
Mr. Curry. No, it is local property tax.
Mr. Lance. From the property tax burden. What is your
county's long-term plan for upgrading to Next Gen 9-1-1 given

vendors out there that can provide us with software similar to the Next Gen 9-1-1, but it comes at a very high price tag. So

As we wait for the Next Gen 9-1-1, there are

the lack of state funding?

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it is questionable if we will actually be able to afford that.
Until then, we will just continue conducting business as we do.
Mr. Lance. Thank you.
Mr. Reyes, does the public, in your opinion, understand that
in some states funds are diverted and that part of their monthly
telephone bill is being collected to upgrade the systems when
in fact that may not always be the case?
Mr. Reyes. I don't think they understand, but as I said,
Mr. Lance, in the Commonwealth of Virginia that is not so much
of a problem. So that is why it has not been a widely publicized
issue for that.
Mr. Lance. You are doing a good job in Virginia.
Mr. Reyes. Well, the elected officials are, sir.
Mr. Lance. I commend you.
And what is the situation in Maryland, in your jurisdiction,
Montgomery County?
Mr. Starks. What was the specific question?
Mr. Lance. The question relates to the funding that is
received. Do you receive funding for these purposes from the
state of Maryland?
Mr. Starks. Some generally, I can't confirm the exact forms
for the amounts or percentages.

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706	Mr.	Lance.	Thank	you.

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Regarding Congresswoman Brooks' fine legislation, would any member of this distinguished panel care to comment on it and on your views as to how we should move forward regarding Congresswoman Brooks' legislation?

Mr. Starks. Is that for the cost recovery?

Mr. Lance. No, no, on emergency calls.

Mr. Reyes?

I will start with that, Mr. Lance. Yes. that is a mixed one for us. So while we think that there should be standard --

Mr. Lance. I am a hundred percent for it, but --

So while I think that, you know, it makes sense Mr. Reves. to come up with a standardized non-emergency number that is across the country similar to what we have right now for the emergency number, the concerns with that is that centers would start to receive a lot more volume and that we wouldn't have sufficient personnel.

So I think it is a good idea providing that there was funding considerations given to additional staffing in the centers.

Mr. Lance. Very good. Would any other member of the panel like to comment? Mr. Curry?

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Mr. Curry. Sure, Congressman, thank yo	ou. In the state of
New Jersey we have pound 7-7, which is info	rmally known as the
snitch number, which is when you can dial t	hat number in for
aggressive drivers, people on cell phones a	nd stuff.
Mr. Lance. Yes.	
Mr. Curry. We also have 5-1-1, which	is another number,
which gives you an automated instructions f	or traffic.
Mr. Lance. I see.	
Mr. Curry. So even in amongst the sta	te of New Jersey we
have two different numbers that can be conf	used.
Mr. Lance. It is confusing.	
Mr. Curry. So I would appreciate that	in my state.
Mr. Lance. Captain Starks?	
Mr. Starks. To echo what Mr. Reyes sa	id, this is a good
idea for this national non-emergency code or	number but as long
as the staffing is also provided.	
Before coming here I spoke with the di	rector of our ECC.
He is for anything that can free up 9-1-1 lines	for true emergencies

Before coming here I spoke with the director of our ECC.

He is for anything that can free up 9-1-1 lines for true emergencies

and get the non-emergency calls which every center receives

directed to the non-emergency lines.

Mr. Lance. Thank you.

Without objection, I will enter into the record the following

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the Committee's website as soon as it is available.
documents: A letter from the Hunterdon County Freeholders
freeholders in New Jersey are county commissioners in support
of H.R. 6424, the bill I am sponsoring, and an article on the
9-1-1 fee diversion in New Jersey, without objection.
[The information follows:]

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Mr. Lance. And now I am pleased to recognize the ranki	ng
member, Mr. Doyle of Pittsburgh.	
Mr. Doyle. Thank you, Mr. Lance. Snitch number, huh? Th	nat
is only in Jersey would they call it a snitch number.	
Mr. Lance. Thank you for that very nice compliment, Mr	ĵ.
Ranking Member.	
Mr. Doyle. Well, I will tell you I would like to call the	nat
number every time I see somebody texting while they are drive	ing
their car.	
So let me ask a question for the entire panel. Maybe v	ve
can just start with Mr. Reyes and go forward. You know, as a	all
of you are considering the cost of maintaining and upgrading 9-1	L - 1
systems to enhance the next generation systems, are you concern	ned
that the current federal, state, and local funding structure	
are sufficient to deploy a robust and resilient national 9-1	
	- 1
system?	
Do you any of you believe there is a funding shortfall	
nationally that may leave many communities behind? What is yo	our
thoughts on or how confident do you feel that the funding exis	sts
for you to put that kind of a system in?	

Mr. Reyes. So in Virginia I can tell you that most 9-1-1

center directors are grossly underbudgeted. And so there is not

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enough budgeting especially not for Next Generation 9-1-1. In
the National Capital Region, the Northern Virginia center
directors are implementing Next Generation 9-1-1 as a region,
not so much as an individual, just to take advantage of, you know,
multiple purchases reducing the cost. And I can tell you that
we are, you know, moving our different priorities around to make
sure to accommodate that.
At the federal and state level, again I don't agree that
there is sufficient funding being directed towards 9-1-1 centers.
I think what we would need in order to get to that level is a
bill similar to the bill that brought FirstNet on for national
broadband. Give that same level of attention and funding to Next
Generation 9-1-1.
Mr. Doyle. Thanks, Mr. Reyes.
Mr. Curry?
Mr. Curry. As it stands today, with 89 percent of the phone
bill fees being diverted away there is obviously not enough money.
Only 11 percent is going towards 9-1-1 at all at the state level.

Mr. Doyle. This is in New Jersey?

Mr. Curry. This is in the state of New Jersey. And I have full faith in the state of New Jersey that the people who handle 9-1-1 at that level that they can get us Next Gen 9-1-1, but they

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would need proper funding to do so.

Mr. Doyle. Thank you.

Mr. Starks?

Mr. Starks. Thank you. To save time I would say similar to what they said, and in Montgomery County a specific example is that the funding isn't there. Right now we have mandatory overtime for workers there and there is an incredible turnover. I don't think that is unique across the country.

Mr. Doyle. Yes. I would just reiterate to my colleagues, if we want to get this problem solved it is going to take more resources and I think there is just no doubt about that. It seems like swatting is only getting more and more commonplace. I get calls all the time that are not only my area code, but my local dialing code. And I am thinking it is somebody that I know because the number looks familiar and it is -- well, you don't know who it is. It is a tape recording or something else saying that they want you to do something. But, and I think, you know, we see this swatting as putting more and more people at risk every day too when it involves, you know, phony calls that require first responders to do something, you know, the question is there.

Are you all getting concerned that it is getting harder to verify a caller's identity and location? Do you see this is as

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a problem and are your people experiencing more and more incidents of not being able to correctly identify a caller's name and location?

Mr. Reyes. So in Prince William County, Mr. Doyle, it is difficult to find legitimate callers, people that are calling 9-1-1 because they can't breathe or they are having a robbery in progress, let alone the swatters. The swatters, the experiences that we have had, we had one just a couple months ago at a school and that person was out of the country, the IP address that was tracked down wasn't even in the United States. So of course even if we were to track that person down, prosecution would be nearly impossible.

Mr. Doyle. Any others have comments on that?

Mr. Curry. To echo what Mr. Reyes said, we had one recently. And we work in a -- I wouldn't say that it is getting harder for us to track people down, but it is surely not getting easier and Next Gen 9-1-1 would help us with that. But also to echo the captain as well, for a small center like ours when we get one of those calls we don't have a lot of redundant resources in the form of personnel. So when we get a call like that it is all hands on deck and it really does detract from somebody else who could possibly be having a legitimate emergency.

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Mr. Doyle. Yes. It is a real problem.

Mr. Starks. Mr. Doyle, in your opening statement you used the terms "malicious," "deadly," and I believe "wasteful," and you are dead-on there. There is just a ripple effect when these calls come in and many times it is a larger scale event like a school, but sometimes it is a residence, somebody of some notoriety.

In one instance in Montgomery County it was a national news broadcaster who wasn't home. And dispatchers and good cops who were responding recognized some of the characteristics of this call and really put some information together and determined that this man wasn't even home but was in New York City, made contact with him and really diverted a lot of resources from coming and stopped a potentially dangerous situation from occurring.

Mr. Doyle. Thank you, Mr. Chairman. I yield back.

Mr. Lance. Thank you. And the chair now recognizes Mr. Shimkus.

Mr. Shimkus. Thank you, great to have you. Thank you for your service, all of you. I am going to be pretty brief and short because I think the bills are pretty clear and I think they identify problems and we have got to move the process forward.

But, first of all, I just wanted to mention that here, across

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the country, and even in Washington, D.C. it is kind of all opioids all the time and so we allowed the naloxone to be administered by first responders in this most recent package. I think we want to obviously have the appropriate training, so I think there is some funding to allow training for that to happen because we know with that ability to help comes a risk and we have seen that in the first-line responders.

So I would ask the associations to keep us posted on what we may be doing to be helpful and what things we are doing that may not be helpful.

This fee diversion thing has been a bone of contention with me for a long time. I have been in the 9-1-1 debate especially in the cellular side since I have been a member and my state was pretty good at first and then it became bad and now rumors are that they are labeled as good. But I am worried about the gaming of the system by states by filing that they are not diverting and then as soon as it has been listed that they are not a diversion state they divert.

Do you see any of that gaming going on in the system from your observations? Probably Mr. Curry is probably the best.

Mr. Lance. You have a right to remain silent, Mr. Curry.
Mr. Curry. I don't know that it is good or bad that you

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called on me for that. You know, if I sounded too negative about the state of New Jersey I didn't mean to be. In fact, they are one of the states that when they were asked did come forward and they were truthful in how they do spend the money. I think it is going to just require a constant observation by the FCC.

Mr. Shimkus. Well, I think the benefit of my colleague Mr. Lance's bill it ensures that states do the right thing. And I think Congressman Lance is right on, or actually Chairman Walden too. We see this in other things. When you collect money for a certain purpose and not use it for that purpose most average Americans would not get away with what governments are allowed to get away with.

So, well, let me ask Mr. Curry, on the accounting side loss, so for a year you probably have a projection of what you should receive and if you don't receive that is there any hope and expectation that you will receive it or is it a loss, year by year it is gone?

Mr. Curry. There is never a projection to receive anything.

I know from every year that from the state I am going to receive zero.

Mr. Shimkus. But you should be able to know since it is a fee on -- don't you have a projection of what you hope to get?

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Mr. Curry. That figure would be what the state takes in and then how they decide to spend that money would be up to them.

Mr. Shimkus. Yes, I would think that there would be a better way. I guess the way I am trying to ask the question is since you don't know what the apportioned amount might be there is no way that you book hopeful incoming revenue so that you can't book loss because you are never projecting revenue.

Mr. Curry. Correct. I never project revenue from the state.

Mr. Shimkus. Yes. Well, I am sorry to hear that. Let me, I guess the last thing is for -- I represent 33 counties in southern Illinois so obviously most of them are -- yours would be a good county in my congressional district. It would probably be the biggest county in my congressional district. Having said that, fee diversions for rural, small operating systems are probably, would you say there is an exponential challenge for rurals because of the cost, you just don't have the numbers? And what about the PSAPs really cover multiple areas so there may be a cascading event. Is that appropriate to word it that way?

Mr. Curry. I think what you are asking me and I hope I am answering this correctly, there are certain requirements that

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you must have if you have a 9-1-1 center. It doesn't matter if you are a big 9-1-1 center or a small 9-1-1 center. You have to have CAD system. You have to have a recorder. You have the continued maintenance on all this equipment. Again for us all that money is paid for by the taxpayer. And for these taxpayers they are paying for it twice.

Mr. Shimkus. Yes, great. Thank you very much.

I yield back, Mr. Chairman.

Mr. Lance. Thank you, Mr. Shimkus. The chair recognizes Mr. McNerney.

Mr. McNerney. Well, I thank the chairman and I thank the panelists. I am going to change the subject a little bit if you don't mind too much.

Our nation is facing a growing number of cybersecurity threats. For example, the Mirai botnet that was used in the DDoS attacks, WannaCry that had infiltrated hospital systems, and the Spectre and Meltdown chip vulnerabilities. So it is clear that we need to be more vigilant in protecting against cybersecurity threat. Now this is especially important in the case when it comes to protecting the safety infrastructure that we have. After all, how can public safety officials protect the public from harm if their own systems are vulnerable to attack?

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So, Mr. Reyes, would you agree that it is something that we need to be concerned about?

Mr. Reyes. Yes, absolutely, sir. We just had a meeting this week, the 9-1-1 centers of Northern Virginia -- Ms. Gordon who is here representing Alexandria -- and that was one of the issues that was in our agenda. And this is where the 9-1-1 funds that are given to 9-1-1 centers are being diverted. We are talking at the Northern Virginia region how to as a region, bring about one vendor that can give us the same level of protection across the board.

So that is something that is very high up on our agenda and we desperately are dedicating funding for protecting our networks because they are crippling on a regular basis around here, around the Beltway. And, you know, the vendors just chalk it up to, oh, we had a network issue, but we know that it is happening way too common for it to just be network issues all the time.

Mr. McNerney. Thank you.

Mr. Curry and Mr. Starks, do you also agree?

Mr. Curry. I agree. I don't have anything to add.

Mr. Starks. Yes.

Mr. McNerney. Well, what challenges do you face when it comes to protecting your own systems against the potential cyber

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threats, Mr. Reyes?

Mr. Reyes. Well, it is the same threats and challenges that everyone else faces including, you know, the Department of Defense where our networks are constantly being attacked. The threats are growing stronger on a regular basis, but yet unfortunately at the local municipal level we don't have the resources both in personnel and in funding to address or tackle those types of constant threats.

So we are not in a proactive mode, we are more in a reactive mode. Unfortunately for us we would like to see when we are getting an attack to be able to prevent it. Unfortunately for some of the denials of service that we have witnessed it has been after the fact and we would like to prevent them and make sure they don't happen.

Mr. McNerney. Well, I mean you were talking about some of the steps that you have taken. What are some of the things that you think that we in Congress could do to help you better protect your systems?

Mr. Reyes. Well, funding of course is always the number one thing. And of course number two is some dedicated federal legislation that when we identify these individuals that are in our home and our home country be able to put some significant

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fines and punishment behind these individuals so that it could hopefully serve as a deterrence to others.

Mr. McNerney. Thank you. I also want to talk about wildfires. In Northern California we have witnessed some devastating wildfires and it is absolutely critical that first responders have access to information as quickly as possible. Now in a recent incident, data service was slowed down for first responders battling wildfires and that is completely unacceptable. The wildfires have also drawn attention to the importance of wireless emergency alerts.

So, Mr. Reyes, given your experience in public safety what are some of the reasons why counties would choose not to use wireless emergency services?

Mr. Reyes. Well, coverage is one of them. And the scenario that you described, while there was allegations of the vendor deliberately throttling back bandwidth the most significant concern when that is not the issue is just getting coverage in those rural and remote areas. So that is one of them.

The other one is overloading of the system. Because most of us are on commercial wireless networks, when you have a convergence of a lot of mutual aid and lots of first responders they very quickly overwhelm a commercial wireless system, whereas

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if we were	to be on a dedicated network like FirstNet that should
not happer	ı.
Mr. M	McNerney. Do you have anything to add, Mr. Curry?
Mr. C	Curry. Actually I was just informed this past week by
a vendor, k	by a representative of AT&T, we did buy into the FirstNet
system. W	We are the first county dispatch center in New Jersey
to do so, a	and again they assured that there would be no throttling
back on th	e FirstNet system. As Mr. Reyes said, we do have some
coverage i	issues in the county, but it is early on yet.
Mr. M	IcNerney. Well, how important, Mr. Reyes, do you think
it is to h	have appropriate officials to receive the necessary
training t	to administer these alerts then?
Mr. F	Reyes. Very important, yes.
Mr. M	McNerney. Okay.
Thank	you, Mr. Chairman. I yield back.
Mr. L	Lance. Thank you very much. The chair recognizes Mr.
Guthrie.	
Mr. G	Guthrie. Thank you, Mr. Chairman. I appreciate the
opportunit	ty to be here and I have a few questions. And I am sorry.
I have be	een a couple other hearings are going on so I have
hoon houng	ring in and out, but T will try not to repeat what has

already been asked or said.

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1043	So these are for Mr. Curry. Do you think states should be
1044	required to report the fees they divert to FCC? Right now the
1045	FCC study is voluntary. And is there any other information you
1046	don't get to include on the FCC study that you wish you could?
1047	Mr. Curry. To ensure that the money was being spent the
1048	way that taxpayers expect the money to be paid, I would have to
1049	say yes that there should be FCC oversight.
1050	Mr. Guthrie. For the study. And do you think there is some
1051	information you would like to include that is not in the study
1052	now? Is there additional information?
1053	Mr. Curry. Not if the bill looked to be fairly thorough
1054	and complete.
1055	Mr. Guthrie. Fairly thorough, okay. How does a county in
1056	a diverting state with multiple call centers handle this
1057	situation? Do they have to choose which call centers to upgrade
1058	or which call centers get to hire more staff or do they evenly
1059	split the funds among the call centers?
1060	Mr. Curry. Among local call centers in New Jersey no one
1061	has received any money.
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Mr. Guthrie. No one has seen any money, okay.

Mr. Curry. Out of the 11 percent that was spent on 9-1-1

it did not reach the local level.

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Mr. Guthrie. It didn't get to the county level. Okay.

And then what are some of the features your 9-1-1 system is missing because you have been unable to upgrade due to financial constraints?

Mr. Curry. The biggest hurdle we have is caller location. We don't have Next Gen 9-1-1 and the software is very expensive to purchase for us to give us the ability to do that without the Next Gen 9-1-1. We would have to have an outside vendor provide us with that software.

Mr. Guthrie. Okay, I appreciate, well, I appreciate that and that is my questions. So I will yield back my time.

Mr. Lance. The chair recognizes Ms. Clarke.

Ms. Clarke. I thank Chairman Lance and Ranking Member Doyle for convening this very important hearing on public safety communications. I am pleased that the subcommittee is considering the Anti-swatting Act introduced by my colleague and fellow New Yorker Mr. Engel.

Over the past several years, the practice of swatting has increased in prominence. Swatters who have often been involved in online disputes make hoax calls to emergency response teams leading to their deployment. The practice has resulted in wasted law enforcement resources and physical harm, even death, to its

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1087 unsuspecting victims.

So my first question is actually to Captain Starks. I have read stories of Parkland activist David Hogg being the victim of swatting and worry that such techniques may be used to stifle debate and free expression in addition to all of the other harm that it causes. In your experience are swatting calls being targeted at particular populations or types of individuals?

Mr. Starks. Yes, and I don't think it is unique to Montgomery County. It has been schools where I mentioned had to be evacuated and housed because of the weather that day, but also people of notoriety as well are targeted. And the intent is to bringing all kinds of resources and then when you do that the potential dangerous situation to anyone who may be at that location whether it is a business or a residence with that kind of response.

Ms. Clarke. Is there a psychological profile that is sort of beginning to, I guess, come to the fore around individuals who would engage in these swatting tactics?

Mr. Starks. None that I know of. But it seems just to be a younger population. The example I mentioned where the school was evacuated, I believe the person was a juvenile located outside of this country.

Ms. Clarke. Wow, okay. Law enforcement officers face

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difficult choices in the best of circumstances and I am concerned that swatting calls might be particularly devastating in some minority communities where unfortunately there might already be tensions with law enforcement.

So Captain Starks, what can we do to deter swatters and help police officers safely respond to these dangerous hoaxes regardless of where they are called in?

Mr. Starks. I think more discussion about this, more education to the public that this is not a joke. It is not a hoax but it does cause, as been mentioned, a waste of resources, resources being stripped away from what they would normally be doing. But more importantly, there is a potential danger to anyone on both sides of this issue, the responders and whoever happens to be home.

I think the education piece is one part of it and I think the components of this legislation are important as well to make it a federal crime. And of particular interest to my ECC director was the cost recovery where we can provide an accounting or a local jurisdiction could provide an accounting and then get those dollars back from the group or an individual who caused it to occur.

Ms. Clarke. Very well. And law enforcement has sometimes

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had difficulty classifying swatting under current laws. cases have resulted in charges related to cyber terrorism while others have approached the issue as a criminal mischief. would you classify swatting under our current legal system?

Well, it would be a criminal offense to make Mr. Starks. a false call in the state of Maryland, to make a false, you know, emergency call. But this additional legislation would clearly add more bite to it.

Ms. Clarke. Very well. Some swatters have been convicted under federal criminal statutes. How would Mr. Engel's bill help law enforcement officers and prosecutors contain the threats posed by swatting?

I think with the more specific legislation that Mr. Starks. has been mentioned and the ability to have some options depending on the circumstances of the allegations -- local, state, or federal -- gives us more options and more advantage over these criminals.

Well, I thank you very much, Captain Starks. And I thank all of our witnesses for your expertise this morning and I yield back.

Mr. Lance. Thank you, Ms. Clarke. The chair recognizes Mr. Olson for 5 minutes.

I thank the chair and welcome to our three

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witnesses. Also I want to thank you all for your years, decades of service on the thin blue line. Thank you, thank you, thank you, for that.

My questions will focus on one big storm, Hurricane Harvey. Now as you all know it hit my hometown, my home region twice moving very, very slow. It dropped on average 40 inches of rain in 2 days, almost four feet of rain over almost all of Southeast 9-1-1 was overwhelmed with calls. As Ranking Member Doyle mentioned in his opening statement, people could not get through with the calls. One example I heard back home, a senior citizen, his wife, their home was flooding. They called 9-1-1 for about an hour, could not get through. Somehow they planned to go to Chick-fil-A after they were rescued. They made that call to Chick-fil-A that went through. And for some reason only known to God and luck, Chick-fil-A showed up and rescued those two people.

Mr. Curry, before this hearing you told me a great story about how a big difference between Kingwood, New Jersey and Kingwood, Texas. And prior to Hurricane Harvey someone was misrouted from Kingwood, Texas to Kingwood, New Jersey and your people stuck with this person over and over and got them rescued back home in Kingwood, Texas. So thank you for that again, but

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that is lucky as opposed to having a plan.

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I want to talk about the Brooks-Eshoo bill, the H.R. 5700 National Emergency Mobile Number Act. And my hometown of Sugar Land has a 3-1-1 system already that opened up last year I found out at the mayor's big annual State of the City address, it works. About 2 months ago I am riding down my street. There is a big branch on the sidewalk. I called up 3-1-1; within hours that branch is gone. But my neighbors had no clue that 3-1-1 was available, no idea it was out there. And so the question is how can people determine, how do you determine what is a true emergency for 9-1-1 and what is a non-emergency for 3-1-1? callers differentiate between 9-1-1 and 3-1-1, in your opinion, Mr. Reyes, Mr. Curry, and Mr. Starks? What are the challenges there to get them to know what is really an emergency and what is not?

Mr. Reyes. So, sir, we do not have 3-1-1 in Prince William County, but from talking to some municipalities that do have 3-1-1 they embed in the voice calling options. If you dialed 3-1-1 for example, when it answers, the voice tree answers, it says if you have an emergency press one and then it reroutes you over to 9-1-1. So that is my only experience with 3-1-1, but we are not a 3-1-1 municipality.

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M	Ir. Olson.	How d	o you dea	al with	Chick-fi	.l-A cal	ling	up	you
guys a	t 9-1-1?	How do	you deal	l with t	hat situ	ation?	How	do	you
get th	em off yo	ur line	because	that is	clearly	not an	emer	gen	cy?

Mr. Reyes. Well, that happens on our ten-digit non-emergency. So our county has a ten-digit non-emergency number that the county residents use and so when they dial 9-1-1 and it is a non-emergency call our call takers divert them to the non-emergency calls internally.

And then we are doing an education program within our county at the school level where we are reaching out to kids. We just awarded four kids on Saturday, awards for making the right call --

Mr. Olson. Awesome.

Mr. Reyes. -- because at school they learned the awesome power of 9-1-1 and how to use it properly. So I think we have to do something similar with the non-emergency number.

Mr. Olson. Great. Mr. Curry, your comments on --

Mr. Curry. Because we handle all the phone calls for each municipal police agency in Hunterdon County, if somebody were to call on the non-emergency and they do, they call on the non-emergency ten-digit number, because all the calls come to the same center it wouldn't be an issue for us.

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Because the same dispatchers who take the 9-1-1

What Mr. Reyes said, we have a ten-digit

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Mr. Olson. Yes.

Mr. Curry.

Mr. Starks.

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calls, they are in that same room and they can just as easily handle that 3-1-1, for example. And we are going to take the same number of calls if it is 9-1-1, 3-1-1 or the ten-digit number because if they are going to call they are going to call. It is just a matter of the method in which they decide to use and what is most beneficial for them and what is most beneficial for

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us.

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Mr. Olson. Captain Starks?

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non-emergency number but getting that number in people's heads is very, very tough and 9-1-1 is just so much easier to remember.

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The county has started a 3-1-1 line. It is separate from our

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what Mr. Reyes said at the beginning, if you think you have an

emergency call center and it is a very deliberate process, but

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emergency that message is given and it directs people to the 9-1-1.

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remaining about the Anti-Swatting Act and this is for all three

Mr. Olson. I am about out of time.

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witnesses, a simple yes or no answer. I just want to ensure that

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H.R. 6003, the Anti-Swatting Act, has no effect on my Houston

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Astros swatting the heck out of the American League rivals and

I have one question

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National League champion in regard to our repeat of the World
Series.
Does this affect my Houston Astros swatting the National
League and the American League?
Mr. Reyes. No.
Mr. Curry. I would think not.
Mr. Starks. No, sir.
Mr. Olson. There you go. That is what I want to hear.
I yield back.
Mr. Lance. Your time is expired, Mr. Olson.
Mr. Engel, you are recognized.
Mr. Engel. Thank you. And let me tell my friend and
colleague Mr. Olson that the Bill 6003, the Anti-Swatting Act,
is my bill and you don't have to worry. The New York Yankees
are going to swat all the other teams.
Mr. Olson. Repeat, repeat.
Mr. Engel. So thank you, Chairman Lance and Ranking Member
Doyle, for holding today's hearing and including my bill, the
Anti-Swatting Act, 6003. And I want to thank Yvette Clarke for
highlighting some of the things of that bill. According to
the FBI, a single SWAT team deployment can cost thousands of

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which prevents them from responding to real emergencies. And most importantly, it risks injury to unassuming victims as well as to the officials who mount a response.

One of the most tragic examples took place last December in Wichita, Kansas where officers shot and killed an unarmed 28-year-old man on his front doorstep after receiving a phony call alleging an ongoing crime. This is a very serious problem and that is why we introduce this bill to address it. My bill would expand on the Truth in Caller ID Act that Chairman Emeritus Joe Barton and I introduced and it signed into law in 2010. In last Congress my Anti-swatting Act was amended and favorably reported out of our committee but it did not come up for a vote on the floor. So we have a real opportunity now.

The current version of my bill includes the amendments we passed last Congress and in short my Anti-swatting Act would increase penalties for people who falsify their caller ID information to mislead law enforcement. This technological trick called spoofing allows swatters to hide their identity by making law enforcement believe that they are calling in an emergency from a different phone booth, phone number, a phone number or location. The bill would also force swatters to reimburse emergency service entities for the resources they spend responding

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1285 to the invented emergency.

So I would like to ask Captain Starks or anybody else who would care to answer, when law enforcement receives a swatting call you obviously don't know when you have received it that it is a phony, that is it a fake. Can you explain how law enforcement responds to such a call?

Mr. Starks. Sure. The people in the 9-1-1 center have to begin vetting some of the details of that call as they are being dispatched to the first responders. Usually a swatting call has some details regarding violence where the caller state maybe he or she has already shot someone, is there with a higher powered weapon, that kind of thing, someone else is in danger.

So that activates not only the first cops on the street responding but also tactical units, negotiators who come, and then fire and rescue services who have to come by and respond to treat who may be injured there and who may become injured there as well. So it is wave after wave after wave of affecting public safety.

Mr. Engel. You know, it is really a sick thing, you know, you wonder what kind of a fool would do something like this. It is absolutely mind-boggling with total, you know, to play a joke or to get a kick out of something to really put people's

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lives in jeopardy.	It is just absolutely disgraceful	. Swatting

lives in jeopardy. It is just absolutely disgraceful. Swatting incidents have profound impacts on families too, I am sure you would agree with that.

Mr. Starks. Absolutely.

Mr. Engel. My bill calls for increased penalties for swatting including up to 20 years where the emergency response results in serious bodily injury. Violators would also be required to reimburse law enforcement entities for their expenses, which is another thing in responding to the hoax. In your opinion will that help?

Mr. Starks. Yes, it will.

Mr. Engel. Okay. Thank you very much and thank you for the good work you do. I don't know if Mr. Reyes or Mr. Curry have any comments.

Mr. Reyes. The only thing I would add to what we all have discussed here on the swatting thing is something that is often overlooked is that oftentimes these could be diverted actions to divert law enforcement attention from perhaps another real-life crime that is going to be taking place like a bank robbery for example.

So that is one of the things. And then on a much bigger scale I don't think we should minimize the importance that this

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plays to homeland security issues around the country. this is just some rehearsals for these would-be homeland terrorists that are just seeing how responders are going to be responding so that they can then prepare for a larger, real-life attack?

Mr. Engel. Well, two very good points. Thank you and thank all three of you. We appreciate it.

Thank you, Mr. Chairman.

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Thank you very much. The chair recognizes Mr. Mr. Lance. Bilirakis.

Mr. Bilirakis. Thank you, Mr. Chairman, I appreciate it and I welcome the witnesses. Thank you for their testimony. I was actually downstairs at the hearing so we have two going on at once. I also want to acknowledge my constituent, a paramedic Maya Daniels, who was recognized as a local, first responder of the year for going above and beyond. Thank you for your service, gentlemen, I appreciate it so very much.

Moving on to questions, I want to address an issue related to the Anti-swatting Act. I know this has been discussed but I have a specific question here, which is impacting of course our general population. The number of scam calls to Americans has increased from about four percent of the calls in 2017 to

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about 29 percent this year, and now a new report from First Orion
projects a 45 percent of all sale calls will be from scammers
in 2019. It is unacceptable. It is just awful.
My question is for both of you. Are you seeing significant
increases in fake emergency calls to your public safety systems
or non-emergency response lines regardless of whether they are
purposeful swatting calls or spoof calls and will the bills being
discussed today protect against these threats?
And we will start with Mr. Curry if that is okay.
Mr. Curry. I don't have any empirical data. I can say
anecdotally they are on the increase. I have been in this
particular business for a couple of years now and as I said, I
think we had one just a few months ago an actual swatting call.
So again I would say that they are on the rise, but again I don't
have the data to back it up.
Mr. Bilirakis. And what about the bills that are being
discussed today? Will they make a difference?
Mr. Curry. I hope so.
Mr. Bilirakis. In your opinion?

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Mr. Curry. I would hope that they would.

Mr. Bilirakis. Okay, very good. Anyone else want to touch

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that, any questions?

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Mr. Reyes. So just like Mr. Curry I don't have any empirical data either, but they are definitely steady in our municipality. While they may not be on the increase they are definitely constant. So that is one of the things.

The three bills that we are talking about here today I think will have a significant positive impact on the job that we do every single day.

Mr. Bilirakis. Good, good, good. And again if you have any input on how we can improve in addition to those three bills, please don't hesitate to -- I guess it is Mr. Starks?

Mr. Starks. Just to echo what has been said is that this legislation, I think Mr. Pallone in his statement said this will also help keep first responders safer. And if first responders are safer to include call takers and dispatchers then we can do our job better in protecting the public.

Mr. Bilirakis. Very good, thank you.

Mr. Curry, in your testimony you mentioned that finding a caller's location is determined through manual entries and interrogation. Do you have any estimate on how long it typically takes to get an accurate emergency location, or worse are there situations where a location cannot be identified and can you explain how the Next Generation 9-1-1 will help bring down these

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1395 || numbers?

Mr. Curry. If there is any delay at all that is a problem because seconds count. So if it is just a couple of seconds to locate where the caller is that is an issue.

The other problem is, I had mentioned that, you know, we have a major interstate. People call 9-1-1 because again that is the universal number to call and they are moving. So as they are moving we are still trying to track their location which is very difficult and it has to be done by through manual entry and again as I mentioned through interrogation. We get a lot of transient traffic and they just don't know where they are. I couldn't tell you how long it takes on an average, but the Next Gen 9-1-1 and some of this other software I had mentioned before would actually put the person's location within, I want to say about three meters. And it would do it quickly and continuously.

Mr. Bilirakis. Very good, thank you. And again thank you for your service, appreciate it. Thanks for putting your lives on the line to protect us and we need to be as helpful as we possibly can. Thank you. I yield back.

Mr. Lance. Thank you very much. The chair recognizes Mr. Johnson for 5 minutes.

Mr. Johnson. Thank you, Mr. Chairman. And I too want to

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1417	thank you gentlemen for your service. Thanks for being here
1418	today.
1419	Mr. Reyes and Captain Starks, shifting gears just a little
1420	bit, what are some of the most extreme or alarming circumstances
1421	where someone called 9-1-1 where they should have called a
1422	non-emergency number? Do you have any examples? Mr.
1423	Reyes, you can go first.
1424	Mr. Reyes. Well, when I was in Alexandria the most extreme
1425	call that I recall was a resident who called asking for a medic
1426	unit because they had run out of aspirin and they wanted an
1427	ambulance to take them to the hospital.
1428	Mr. Johnson. They had run out of aspirin.
1429	Mr. Reyes. And they used 9-1-1 for that. So that is an
1430	extreme example that I can give you.
1431	Mr. Johnson. Yes.
1432	Mr. Reyes. And that happens pretty regularly across centers
1433	across America.
1434	Mr. Johnson. Captain Starks?
1435	Mr. Starks. Generally the abuse is calls for normal county
1436	or government services for like snow or leaves or just they are
1437	using it as 4-1-1, so like asking questions instead of needing

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emergency services right away. There is a finite number of 9-1-1

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lines in any emergency center and in that case that line is being held up not being able to be used for any incoming emergency.

Mr. Johnson. Okay. Have you noticed a higher number of these calls coming from out-of-state travelers, any correlation there?

Mr. Reyes. You mean the calls that come into 9-1-1 that should not be?

Mr. Johnson. Yes. That should go to a non-emergency number.

Mr. Reyes. Yes, so just like Mr. Curry we have a major interstate running through our county, I-95, and that generates a lot of traffic, as well as a large shopping complex known as Potomac Mills and that generates a lot of visitors and tourists as well. And just like Captain Stark has indicated, oftentimes rather than look for the ten-digit emergency number quite frankly not even knowing what municipality they are in, everyone knows that the universal number that is always going to get answered no matter what square foot in America you are in is going to be 9-1-1. So that seems to be the default number when people have a question and don't know who to ask.

Mr. Johnson. Do you think they knew to call a non-emergency number but just didn't have or know how to locate the non-emergency

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number and do you think they would have called it if we had a nationwide standardized non-emergency number, do you think that would have helped?

Mr. Reyes. I can only suspect yes, because I mean some of the calls that we receive that are clearly non-emergency that come into the emergency line are just at the common sense perspective that person should have clearly known not to dial 9-1-1, but yet they are asking for directions to wherever they are trying to go. And so they know that the defacto number that is always going to get answered is 9-1-1.

Mr. Johnson. Okay. Captain Starks?

Mr. Starks. I would just echo the same through the sake of time.

Mr. Johnson. Okay. Continuing on this same thought, one potential criticism of a broader uniform non-emergency mobile number is the consumer education that would have to take place to inform citizens of its existence. Some states have already got such a number and so that creates a potentially even greater need to standardize the process so that someone driving from one state to the next doesn't have to worry about knowing multiple numbers across the nation. What are some of the benefits, gentlemen, of having a nationwide non-emergency number like that?

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Mr. Reyes. Well, I will start. And again it would be to take that unnecessary and unjustified volume of calls that come into 9-1-1 to a dedicated number. But again just like all these very successful campaigns that we have used like Buckle Up, things like that where we teach children and start teaching at a very young age and start teaching our residents the importance of the number, then we can start focusing on a number.

But like Mr. Curry said, in one state there could be three, up to three 3-digit numbers and so the citizens get confused and don't know which one to call, number one, or for what type of event to use that number for.

Mr. Johnson. And do either one of you gentlemen want to -- anything more to add to that?

Mr. Starks. I just believe that, you know, in the '70s we went to the 9-1-1 system and we didn't have any type of resources like we have now to communicate campaigns like the internet and social media and that type of thing. It is about, I think, education and changing the culture. It has been in my career of 30 years, just the way drunk driving is viewed now in this country that has changed, it is just taking a while. The same thing can happen, but I think a lot quicker with a standardized non-emergency number.

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Mr. Chairman, I yield back.

Thank you very much, Mr. Johnson. The chair recognizes Mrs. Brooks.

Thank you, Mr. Chair. Mrs. Brooks. I want to continue on this line of question about the bill that I introduced regarding non-emergency numbers. And I want to ask you, Captain Starks, you talked about in your career you have seen how 9-1-1 has become so successful. How do you, do you have examples of how the public does have a good understanding of the use of non-emergency numbers in some of the states that do have it?

Mr. Starks. I don't have any examples from out of state. I think that within my jurisdiction, Montgomery County, there is some understanding, but I think there is a great deal of confusion and just ignorance or lack of knowledge in regarding this ten-digit non-emergency number that we employ.

Mrs. Brooks. And so would it be fair to say that you would like to see a shorter number that because so many people go from one community to another in the area that you represent, if we had a very simple three-digit number wouldn't that be incredibly advantageous?

Mr. Starks. It sure would be in the first look.

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Reyes also spoke earlier of just cautionary about making sure that funding and staffing is there because it is going to cause an increase of calls to the center. But yes, a uniform number would be helpful.

Mrs. Brooks. And, Mr. Reyes, going back, and I appreciate -- I visited my PSAP in Indiana in Hamilton County and certainly appreciate what the concern is about resources. But do we have any data from the 9-1-1 from the PSAPs how many calls right now come in that are non-emergency versus emergency?

Mr. Reyes. Yes, ma'am. During my opening remarks I gave that statistic for our agency and our organization receives more non-emergency calls than emergency calls. Overall, we are at 400,000 calls total and of those 400,000 some 254,000 were non-emergency.

Mrs. Brooks. And so would you agree that if there were resources as well as a public education campaign much like what we have done and I think it is much easier now because of social media and other and smart phones to be able to communicate what that number would be if a person, you know, wanted to use a non-emergency number.

Mr. Reyes. Yes.

Mr. Curry. If you don't mind, if I could just add to that?

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1549 Mrs. Brooks. Please.

Mr. Curry. In Hunterdon County where I live, my post office isn't even in my county so we have postal mailing addresses that expand way beyond where you think you may live. In addition to that about one-third of our county is covered by the state police and that is three different state police barracks. People don't know who their police agencies are, let alone know the number to call for a non-emergency.

So I know we have talked about, you know, the nationwide scale, but for me it is more important on a local level.

Mrs. Brooks. So it is even a local, not just the traveling because I have been told if a person were driving we have no fewer than 18 different abbreviated short codes across 29 states and if a person were driving across Highway 95 they would even see ten different dialing codes.

Mr. Curry. Yes.

Mrs. Brooks. And so it is impossible for just a citizen to be driving even on our interstate system and know who to call if they saw a tree down or a dead deer along the side of the road. I mean things that might not be a true emergency and yet the 9-1-1 operators and folks, dispatchers rather that I am speaking with are very concerned about making sure they have the time and

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the b	andwidth to handle the true emergency calls because those
are t	he ones that really deserve their attention. Wouldn't you
agree	?
	Mr. Curry. Yes.
	Mrs. Brooks. And do we have many situations documented of,
you k	now, people being on hold for 9-1-1 for quite some time wher
they	have true emergencies? Do we have that documented as well?
	Mr. Reyes. We don't document that in our jurisdiction.
	Mr. Starks. I don't have the data, but I know that it has
occur	red within Montgomery County.
	Mrs. Brooks. And how about you, Mr. Curry?
	Mr. Curry. This past early spring, late winter we had two
storm	s come through, Quinn and Riley, and the way our 9-1-1 system
works	is if it doesn't get answered in one PSAP it goes to the
next	and it bounces. And during one particular storm we received
over	200 9-1-1 calls from the previous county and even a handful
of ca	lls from two counties before that. A lot of those calls
were	just that my power is out.
	Mrs. Brooks. Okay. And so therefore your dispatchers are
takin	g all those calls in, whereas if someone had a horrific wreck
or so	mething during that storm they could have been on hold.

Correct. And some of those were emergencies

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1593 that we were getting those redundant calls from.

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Mrs. Brooks. Okay, thank you. Appreciate it and yield back.

Mr. Lance. Thank you, Mrs. Brooks.

Seeing there are no further members wishing to ask questions for the panel, I thank our witnesses for being here today. Before we conclude, I ask unanimous consent to enter the following documents into the record: The letter from Hunterdon County Freeholders in support of H.R. 6424; an article on 9-1-1 fee diversion in New Jersey; and an article from the New York Times offered by Mr. Doyle. Pursuant to committee rules, I remind members that they have 10 business days to submit additional questions for the record and I ask that witnesses submit their responses within 10 business days upon receipt of the questions.

Seeing no further business before the subcommittee today, without objection, the subcommittee is adjourned.

[Whereupon, at 12:04 p.m., the subcommittee was adjourned.]